

A095004

29th November 2019

North Littlehampton –Fitzalan Link Road

Specification Note for Acoustic Fence Detail

In order to achieve the noise reductions identified within the noise assessment, the proposed section of the Fitzalan Link Road identifies reductions of up to 9.3 dB at receptors, as a result of the proposed acoustic barriers), a GRAMM METASoundBlok barrier is to be installed with the following specifications:

- Measured sound reduction for B3 class = DL_R 26-28 dB
- Mass 29kg/m²
- Barrier panels made of grade DX51D+Z200/275-NA galvanised steel plating in accordance with standard UNE EN 10142, or with AA 3105 H24 aluminium
- Composite panel made up of sound -absorbing mineral wool
- Inner face (directed at noise source) has holes to provide noise absorption
- Outer face is a plain reflective panel
- Barrier panels installed between vertically arranged HEB/HEA profiles
- 30-year guarantee with barriers designed to be maintenance free for 40 years

Illustrative sketches showing the required acoustic fence detail and location of barriers are appended to this document.

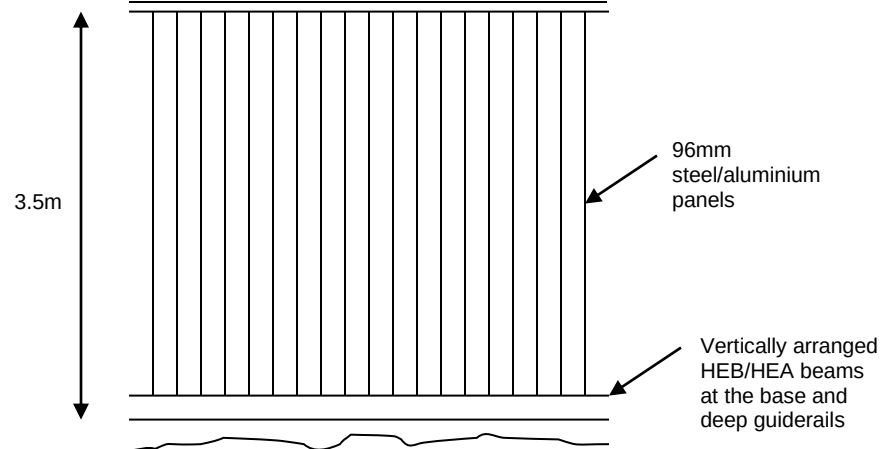
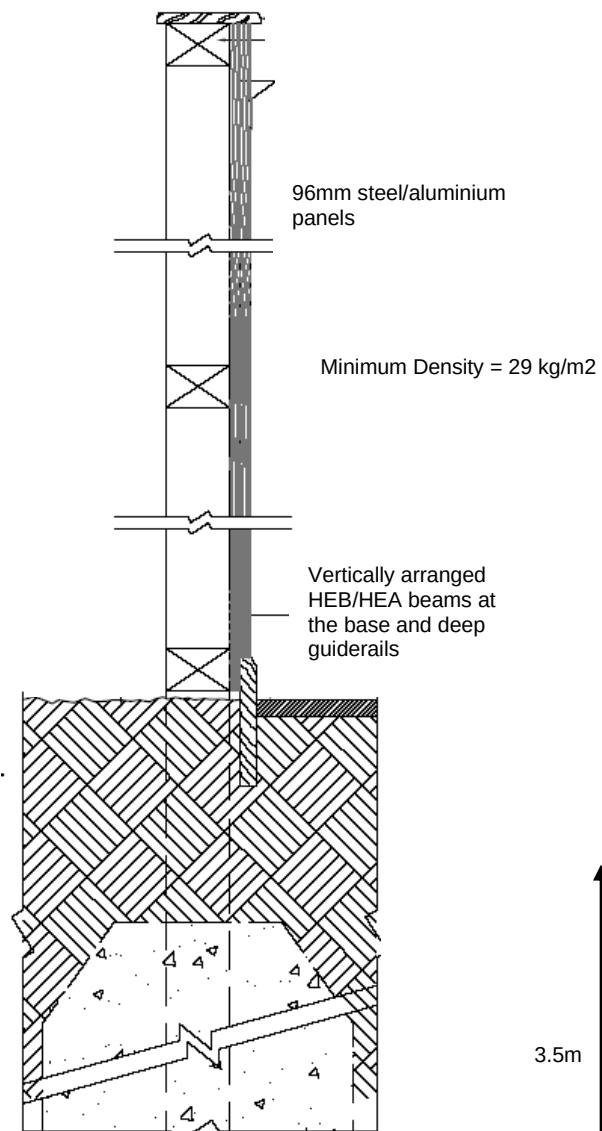
Graham Davis

Principal Consultant

Nigel Mann

Director

Attached: **SK01** Acoustic Fence Detail – Proposed Fitzalan Link Road



Client: Persimmon Homes

Project: North Littlehampton

Project Number: A095004

Drawing Title / Scenario:
Acoustic Fence Detail –
Proposed Fitzalan Link Road

Drawing Number: SK01

3.5m High Barrier: —

Scale: Not to Scale

WYG Leicester

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